Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydi F. PLO \$-00079-00 202-737-6770

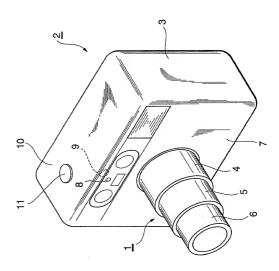
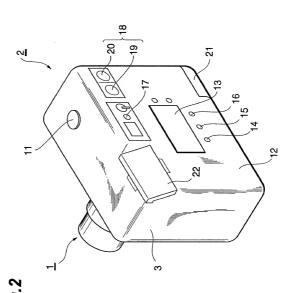
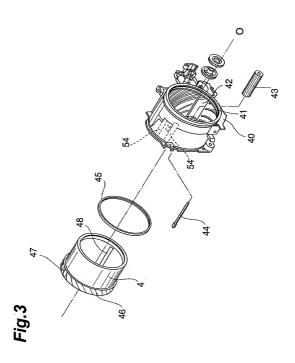


Fig.

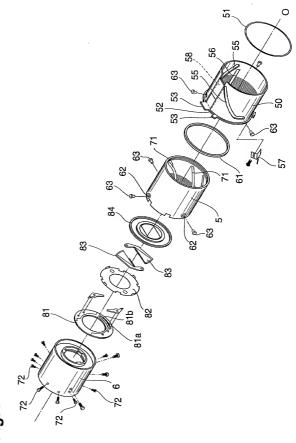
Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydi**F, PO**t **\$.00,79100** 202-737-6770



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leyd PO14803791010 202-737-6770



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401237 Levd**EP-Did 201379-190** 202-737-6770



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leyd PO1201299-U10 202-737-6770

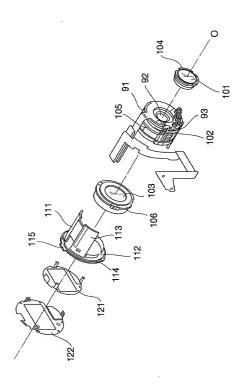


Fig.5

Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Leydto Op 20170 - 010

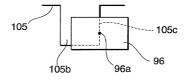
Fig.6 115 / 53 72 71 / 58 104 105a - 105 93 103 83-0 102 83 -105b 101-96a 106 96

50 / 48 / 5 4

Fig.7

6

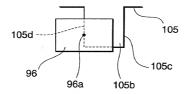
111



115

Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Ley(#IPV) (1974) (1974) (1974) (202-737-6770)

Fig.8



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leyeirp yoit 204-297 6td.

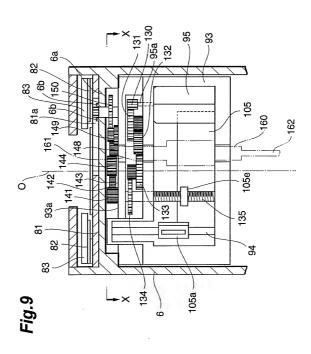


Fig.10

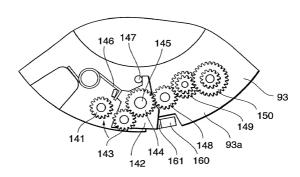


Fig.11

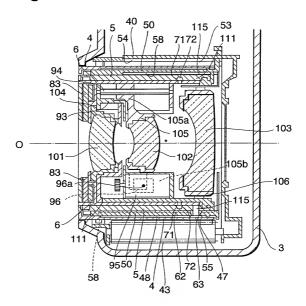


Fig.12

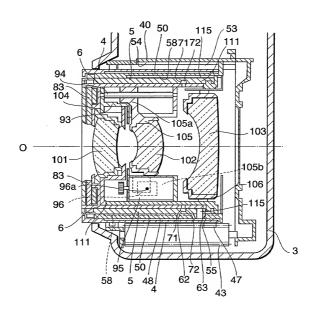
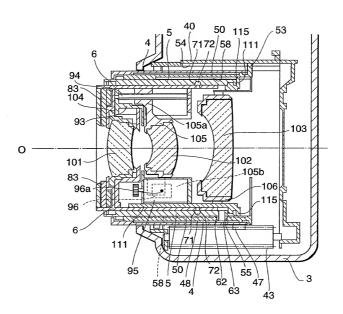
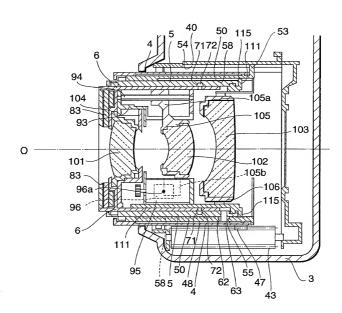


Fig.13

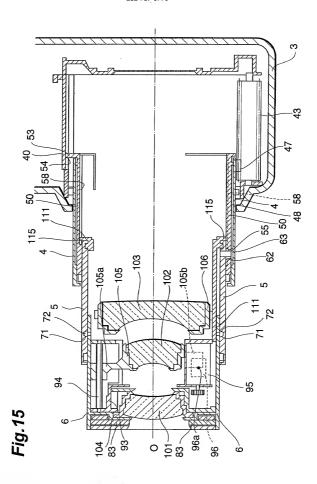


Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Leyrip Nail & Mysgr. (10)

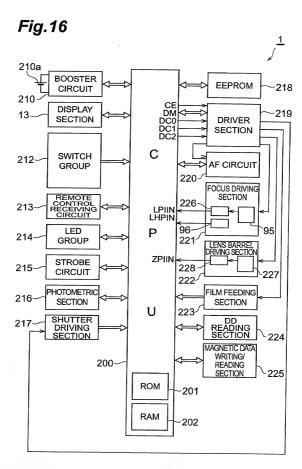
Fig.14



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leypropole, approaches 202-737-6770

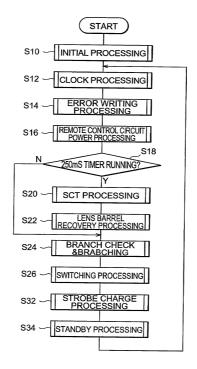


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 LeyPip(1:6)(179:10)di. 202-737-6770

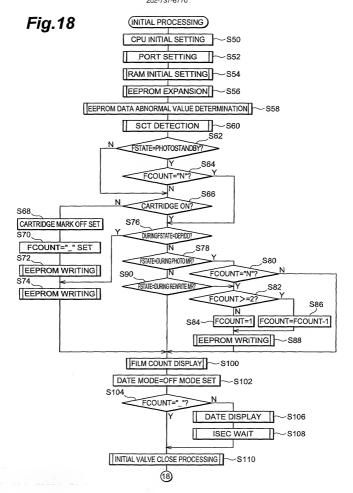


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Lection Vind March 101297

Fig.17



Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Lepta Octobro Deld.



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Levels Volt Mayer, Id.

Fig.19

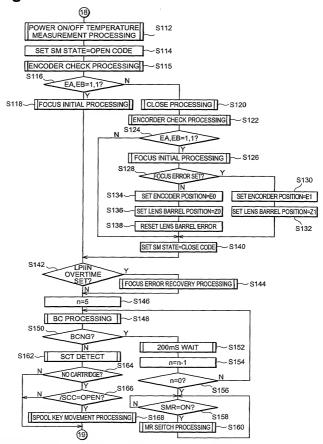
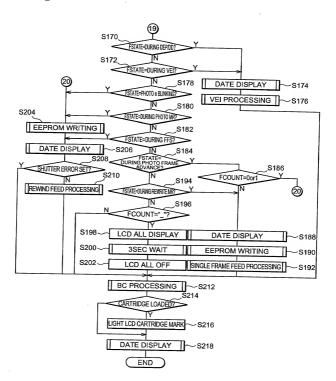
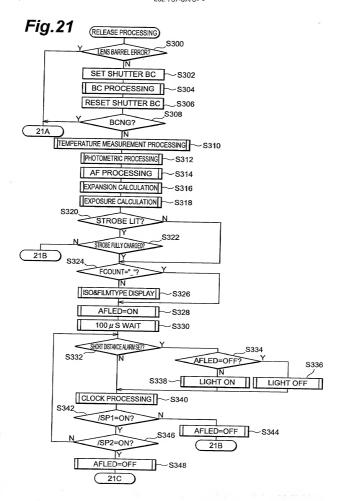


Fig.20



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Levit Voit Mayer 1 td.



Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Levdig Voit & Mayor Ltd.

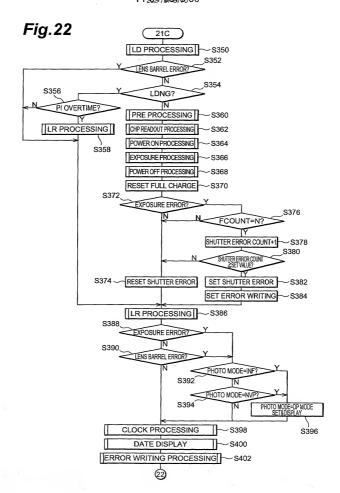


Fig.23

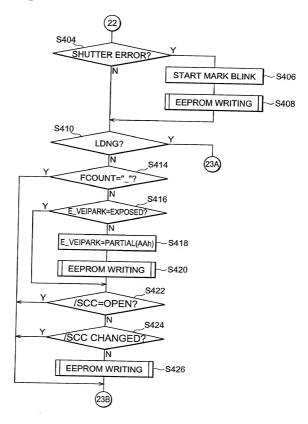


Fig.24

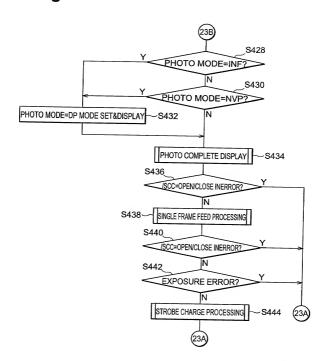


Fig. 25

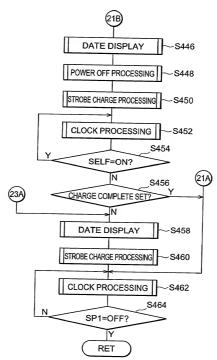
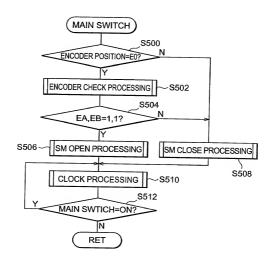
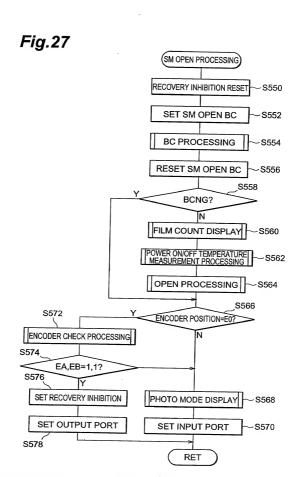


Fig. 26



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Lendin Vollander I Itd.



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297



S644

S646

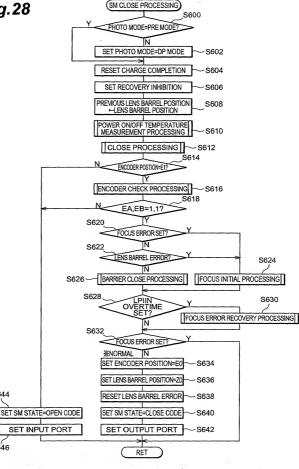


Fig. 29

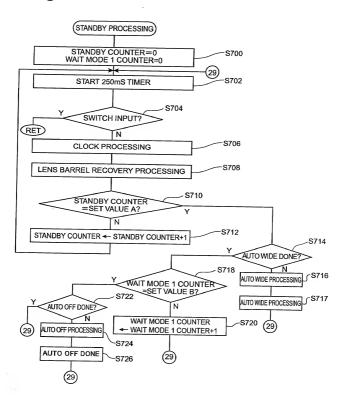


Fig.30

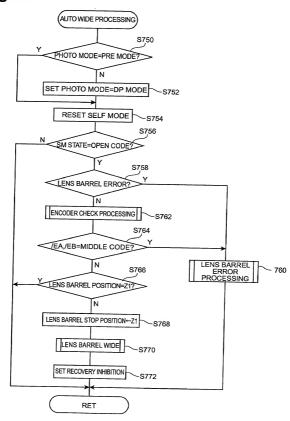


Fig.31

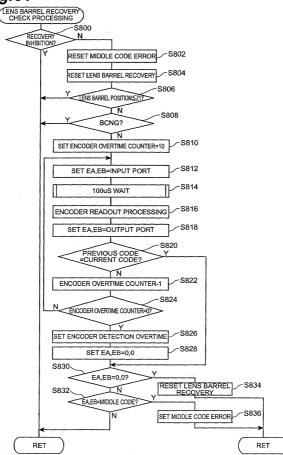
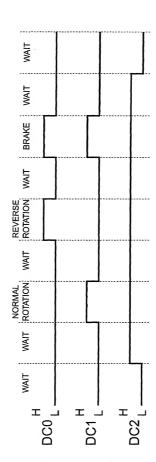


Fig.32



Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Lewis Voit 3 1490 of td. Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Levis Volta Maye odd.

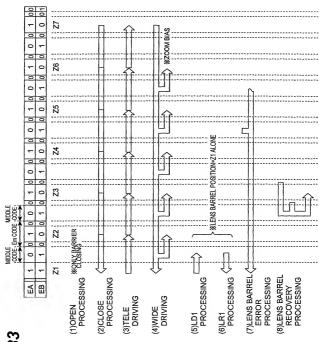
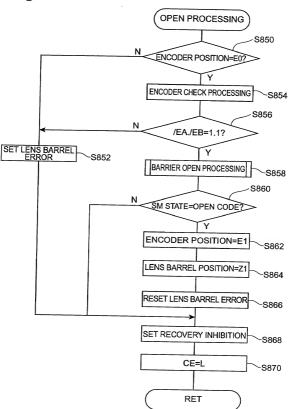
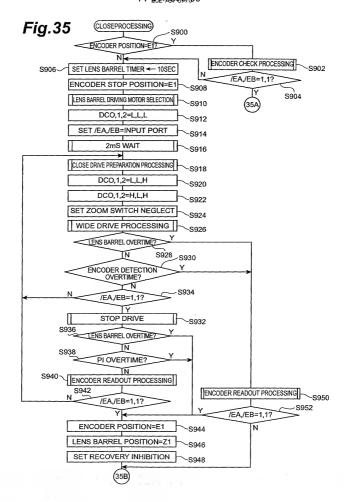


Fig.33

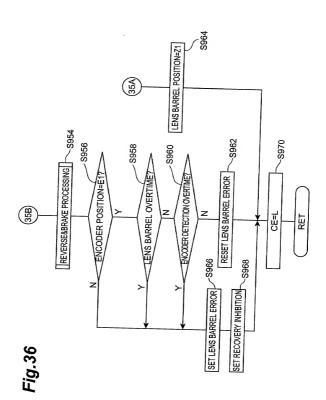
Fig.34



Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Leydia Yoth Mayer, Ltd.



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Lewischworks Waye of td. 202-737-6770



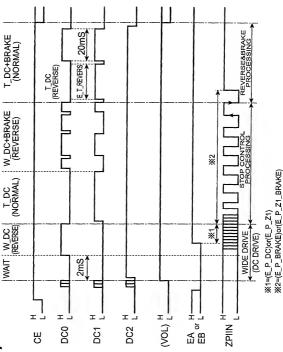
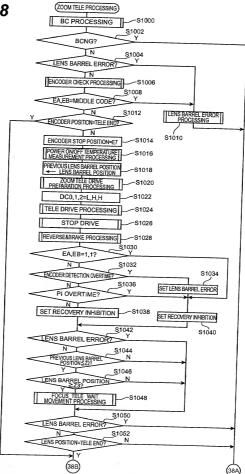
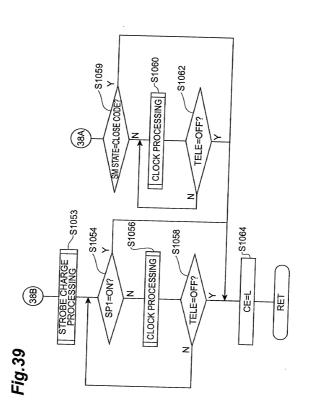


Fig.37

Fig.38



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Levilg, Voil & Mayer I td.



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP012-00-39400

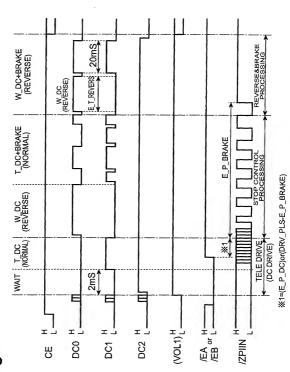


Fig.40

Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Levdia Voit & Mayer I td.
FF 202-30049-00

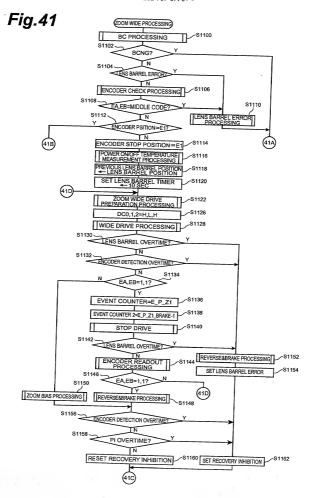
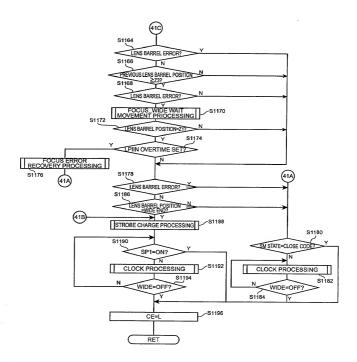
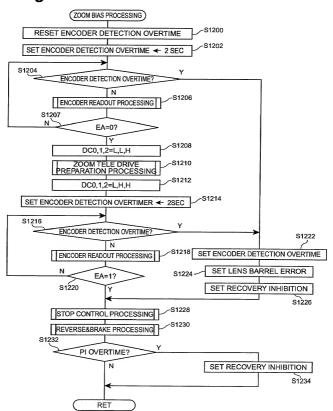


Fig.42



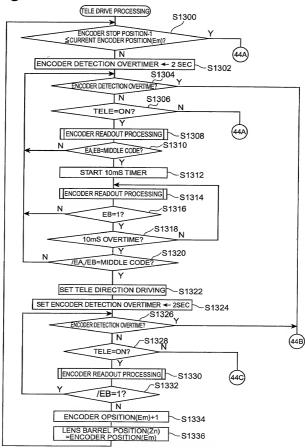
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Fig.43

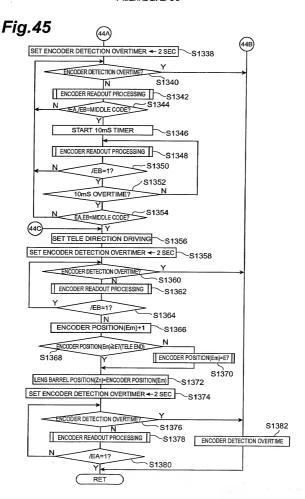


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. F2017490779-00

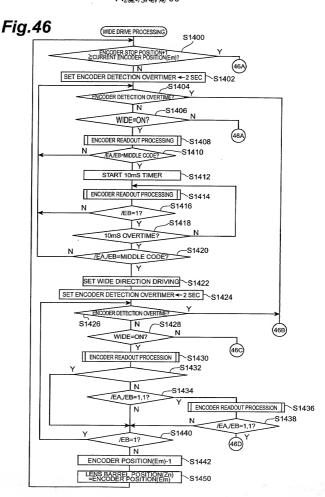
Fig.44



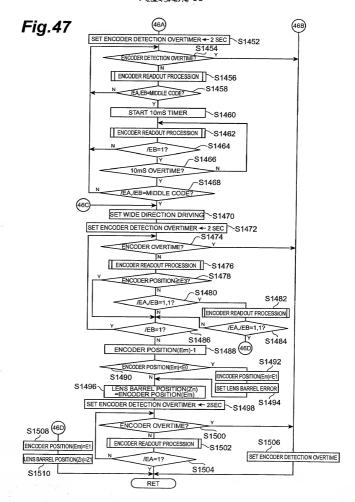
Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig Voit & Mayer, Ltd. FP 6012406720-00



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydin Not & Mayer Ltd.

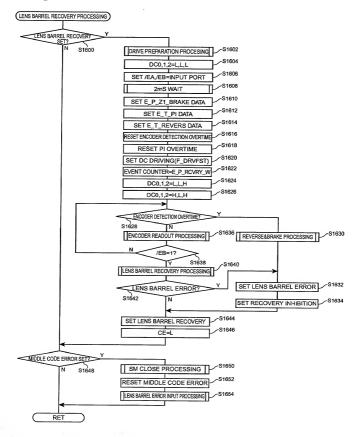


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydip, 2014 & Mayer, Ltd.



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig. Vot & Mayer, Ltd.

Fig.48

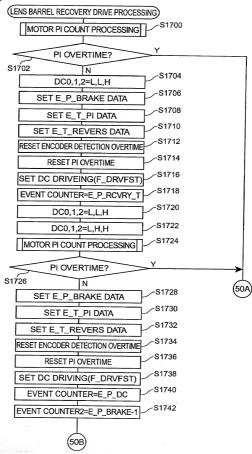


Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Leydin Voit & Mayor, Ltd

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Fig.49

Fig.50



Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Levdia Voit & AAVO-101

Fig.51

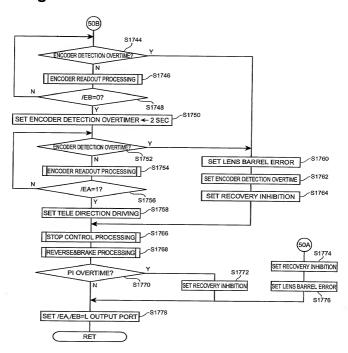
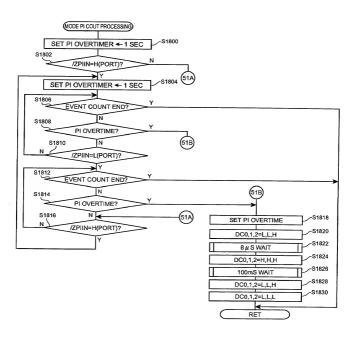


Fig.52



Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Leydig Voit & Mayer, Ltd.
FP912-199167-000

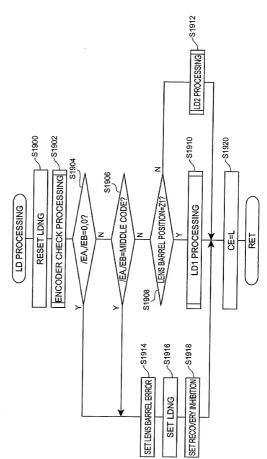
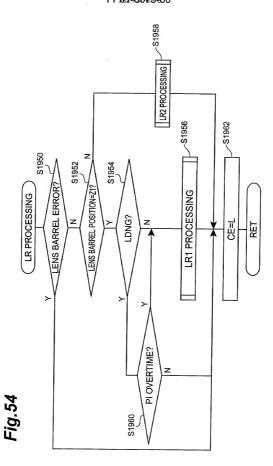


Fig.53

Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Leydig, Voit & Mayer, Ltd.
FP02-0079-00



Title: LENS BARREL
Inventors: NOZAWA ET AL
Atty Docket No.: 401297
Levdig Voit & Mayer Ltd.

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Fig.55

Fig.56

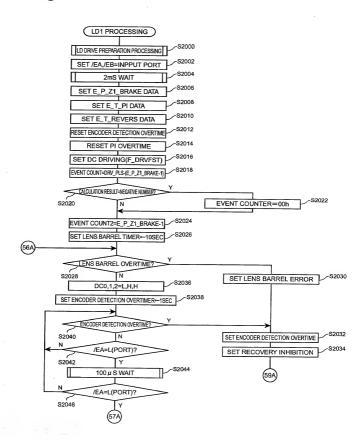
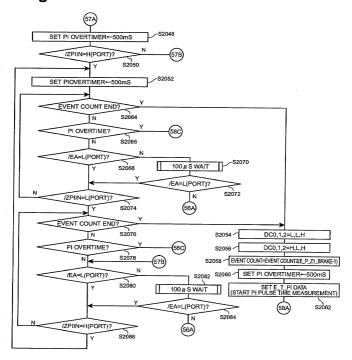


Fig.57



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP012-00-79740



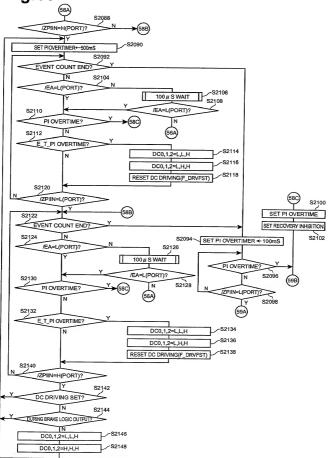
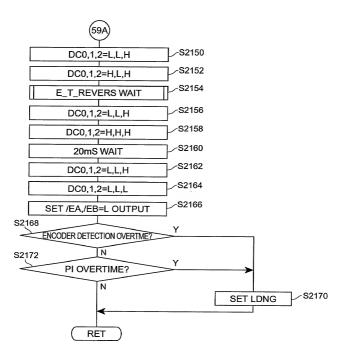


Fig.59



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP@1208769700

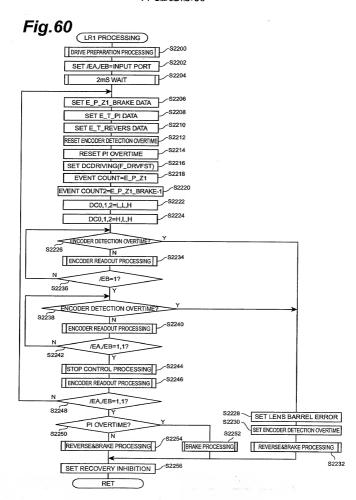
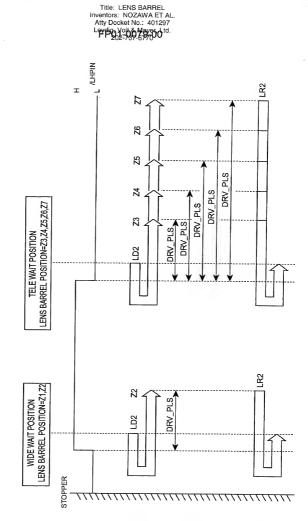


Fig.61



Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Levelig Voit & Mayer, Ltd.
FP01-39-62-00

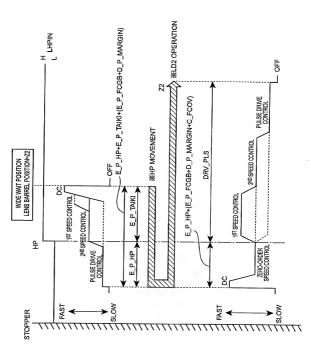


Fig.62

Title: LENS BARREL
Inventors: NOZAWA ET AL
Atty Docket No.: 401297
Levelin, Volt & Mayer Ltd.
FP802-89-63-00

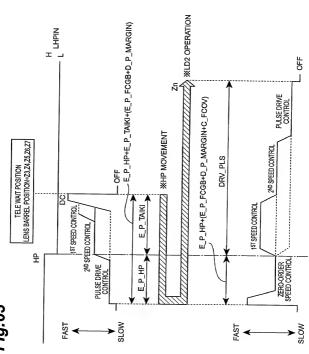
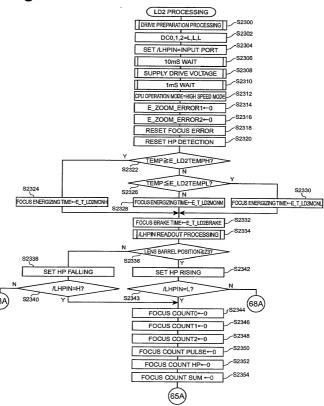
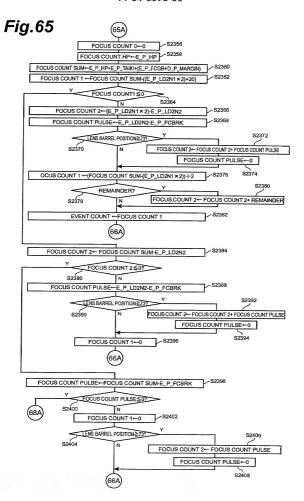


Fig.63

Fig.64

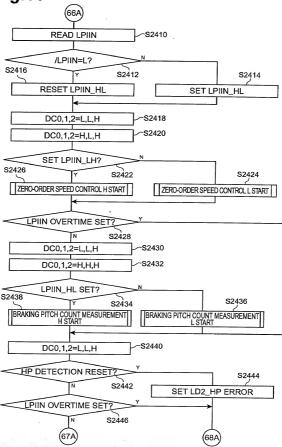


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP012-00-79400

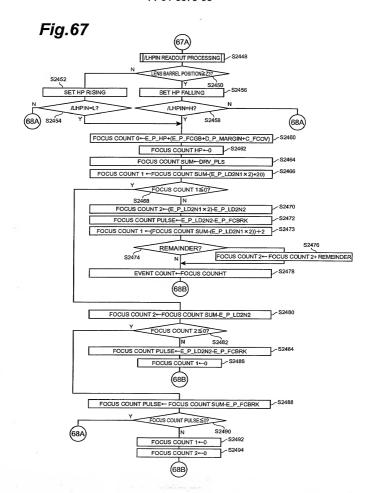


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP202-206-79-€0.0

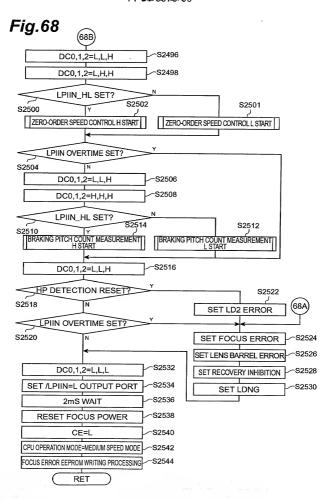




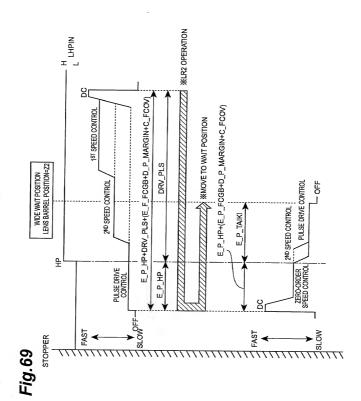
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Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Leydig, Voit & Mayer, Ltd.
FP042-00739700



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP@d2-007-697-00



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Levdig, Voit & Mayer, Ltd. FP201-30739-00



Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Levdin, Voit & Mayer ttd.
FP 202-1304 2700

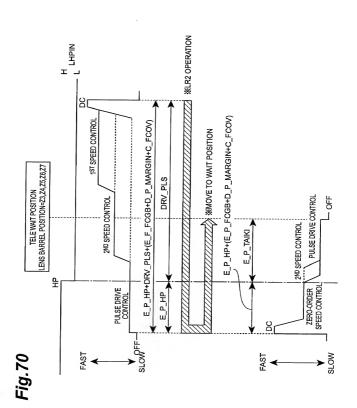
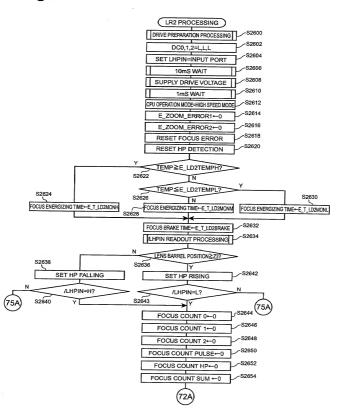
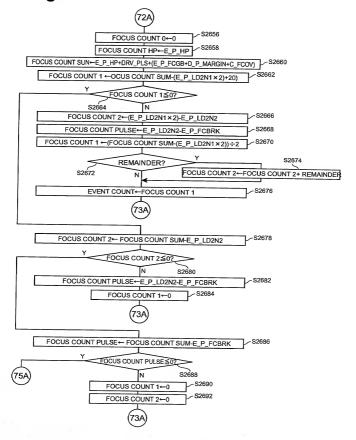


Fig.71

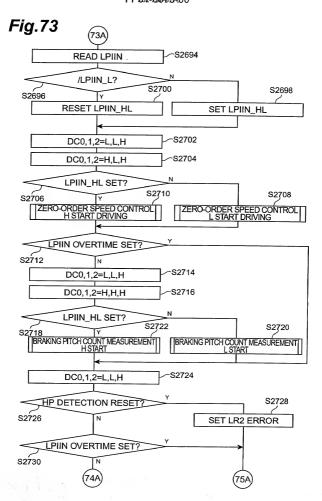


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP 202-830-62400

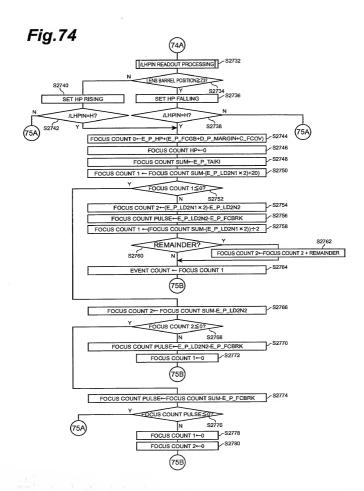
Fig.72



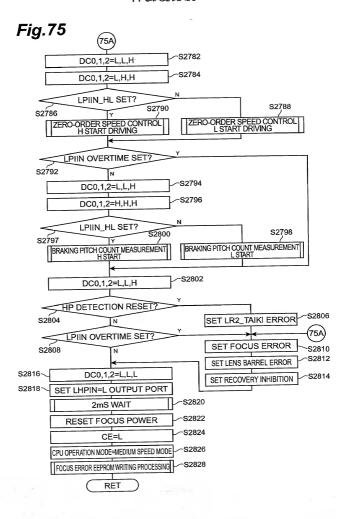
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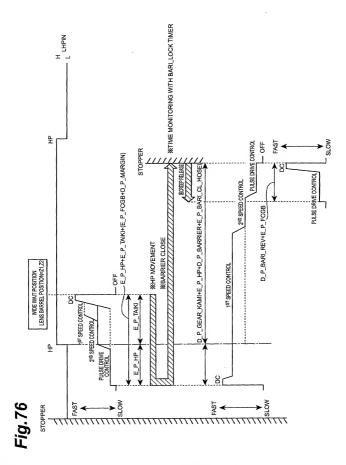
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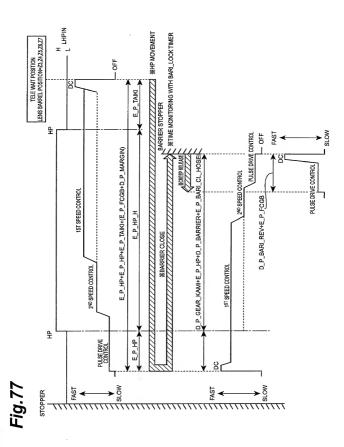
Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP012-10-759-00



Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Levdig Voit & Mayer Ltd.

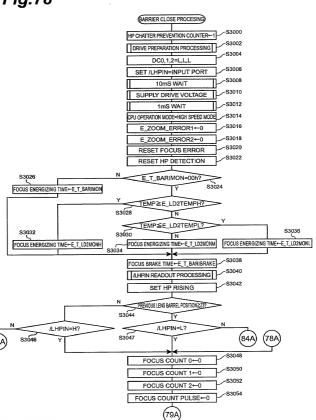


Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Levelig Voit & Mayer Ltd.
FP02-189-69700

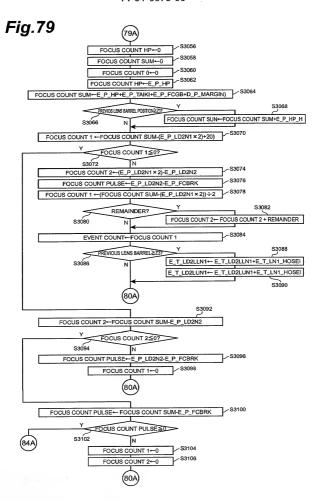


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP012-3078-400

Fig. 78

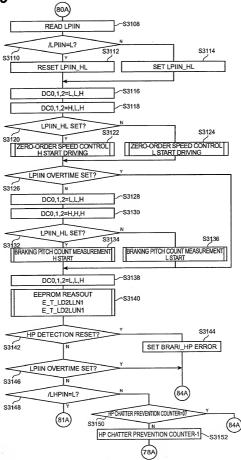


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP04-3075-00

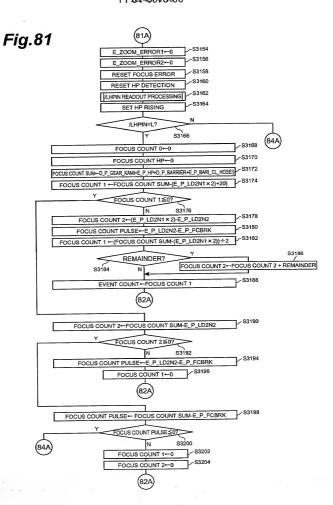


Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP\$03-73079600



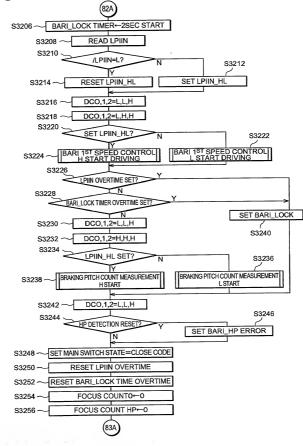


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP202-3073900



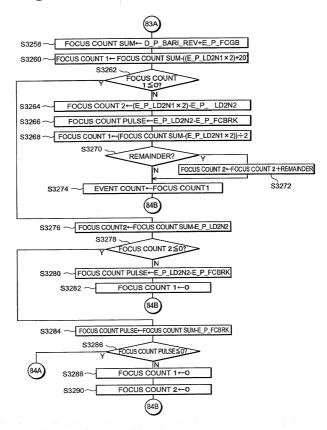
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Fig.82



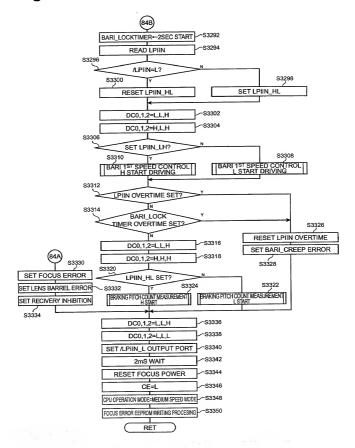
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Fig.83



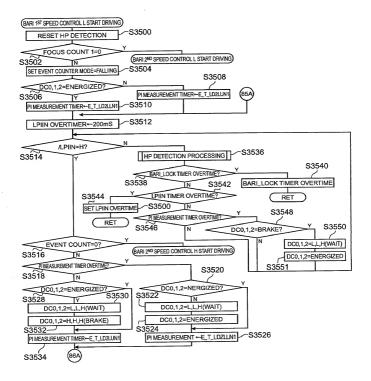
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Fig.84



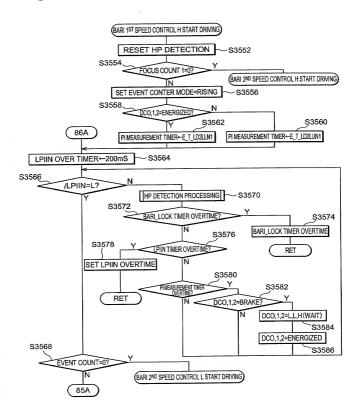
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Fig.85



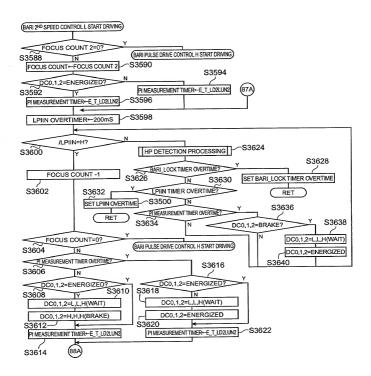
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Fig.86



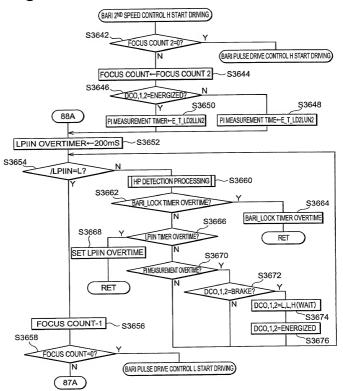
Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leyelo 1010 Mayor 1^{td}.

Fig.87



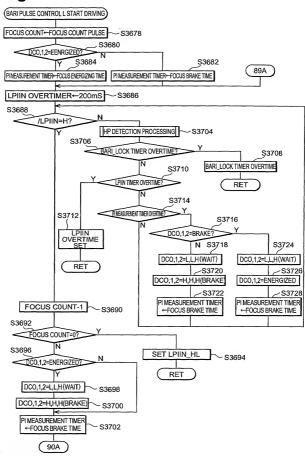
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Fig.88

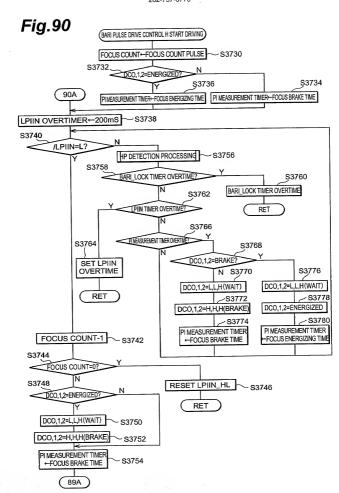


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 L中的 Yound No.: 401297

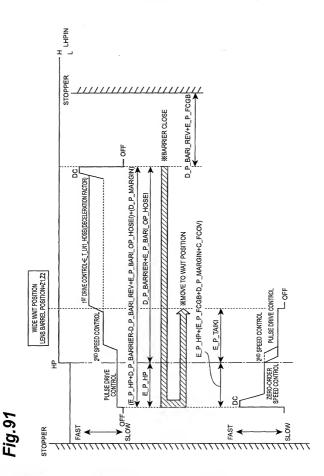
Fig.89



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Largen Voltan 1290 otd.

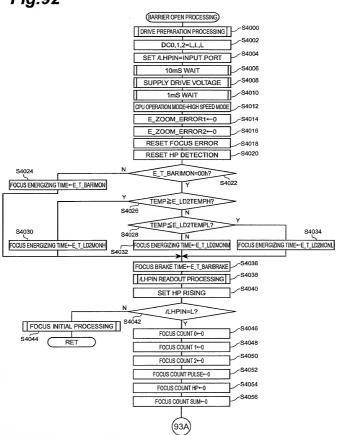


Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Leven Nois May 2016 td.



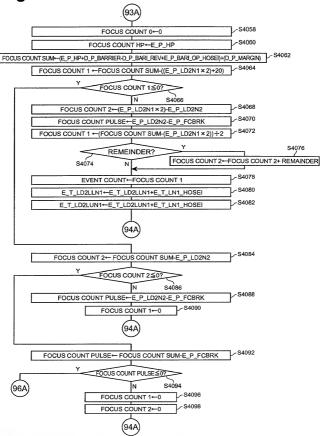
Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Laydig, Voit & Mayer, Itd.

Fig.92

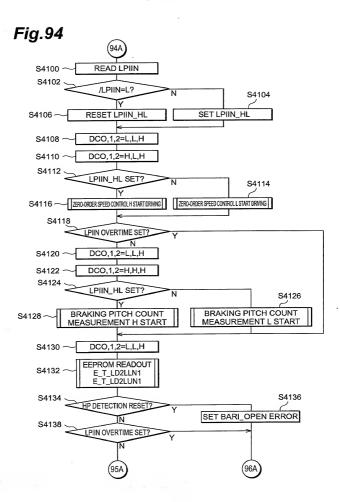


Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Levring vot & Mayer I td.
FT 303-309 27000

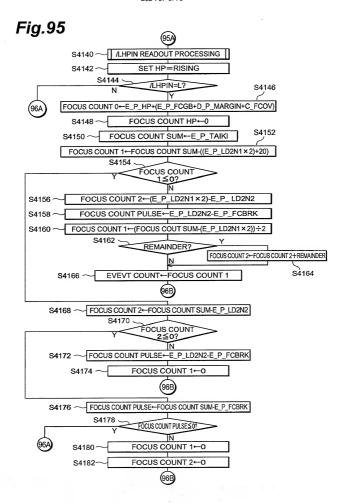




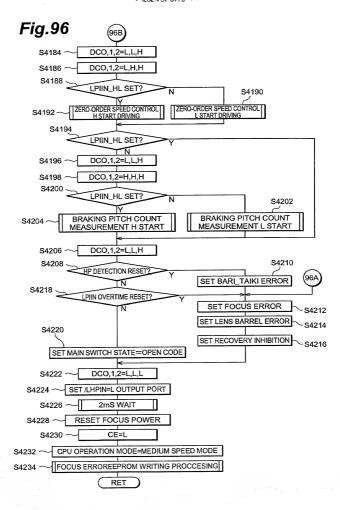
Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Lerein Volta Mayer Itd.



Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Levdig Voit Mayer Ltd.



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig Voit & Mayer, Ltd.



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig Voit & Mayor, Iral 202-73 18778 - 00 **LHPIN** MAIT POSITION LENS BARREL POSITION=Z3,Z4,Z5,Z6,Z7 I TELE WAIT POSITION PULSE DRIVE CONTROL E P TAIKI 2ND SPEED CONTROL 숖 E_P_HP+E_P_TAIKI+(E_P_FCGB+D_P_MARGIN) IST SPEED CONTROL E_P_HP+(E_P_FCGB+D_P_MARGIN+C_FCOV) E P HP H WOVEMENT TO HP ENS BARREL POSITION=21,22 WIDE WAIT POSITION - OFF <u>'ä</u>1 E P TAIKI 1ST SPEED CONTROL 2ND SPEED CONTROL 皇 ZERO-ORDER SPEED CONTROL PULSE DRIVE E P F 20

SLOW

FAST

FAST

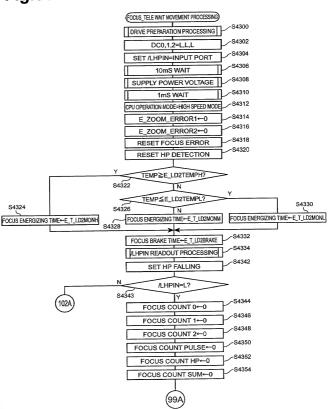
SLOW

Fig.97

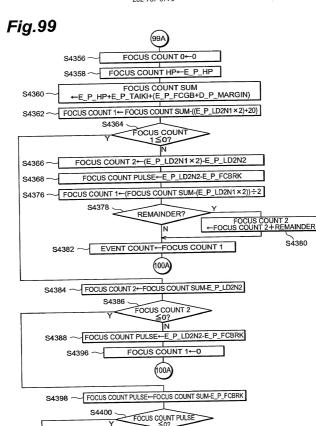
STOPPER

Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Levels: Not & Mayor Ottol.

Fig.98



Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Levelia Voit & Mayor Odd.



IN FOCUS COUNT 1←0

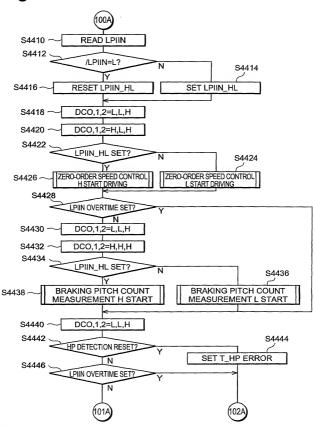
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S4402 -

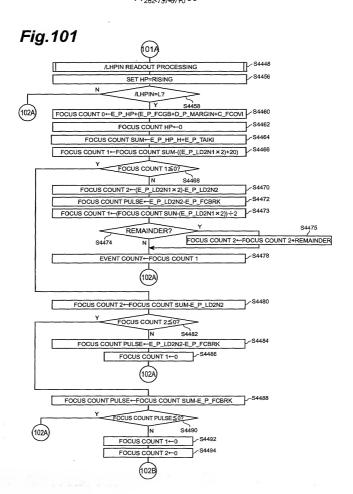
S4406

Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Lergis Opto Magen Hd.

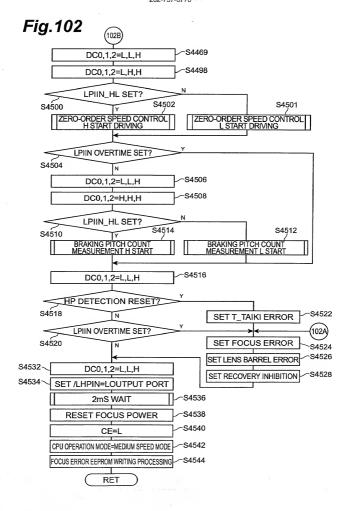
Fig.100



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Levels Option Mayor I.d.



Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Levelia Voit & Mayer of d.



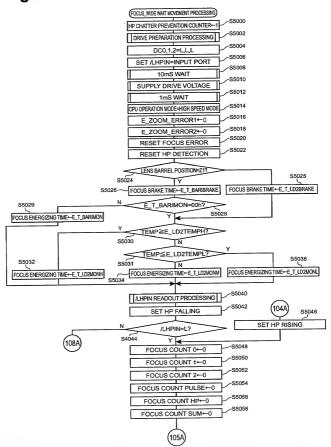
L ALMPIN *MOVE TO HP TELE WAIT POSITION LENS BARREL POSITION=23,Z4,Z5,Z6,Z7 I ပ္ပါ E P TAIK! E_P_HP+E_P_HP_H+E_P_TAIKI+(E_P_FCGB+D_P_MARGIN) 1ST SPEED CONTROL+E_T_LN1_HOSEI(DECELERATION FACTOR) WOULD WAIT POSITION WAIT POSITION E_P_HP+(E_P_FCGB+D_P_MARGIN+C_FCOV) E.P.F.H ENS BARREL POSITION=Z2 L F WIDE WAIT POSITION PULSE DRIVE CONTROL 2ND SPEED CONTROL E P TAKI 2ND SPEED CONTROL, ZERO-ORDER SPEED CONTROL 욮 PULSE DRIVE CONTROL 모 20 SLOW OFF -STOPPER

Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Lewija Voit & Meyer Ltd.

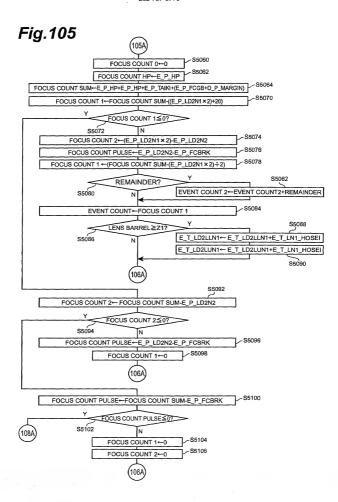
Fig. 103

Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Ley

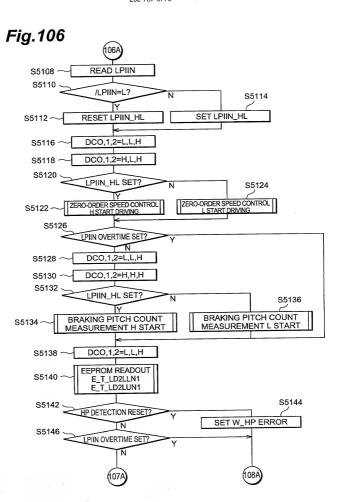
Fig.104



Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Leyer Dock May 1.06

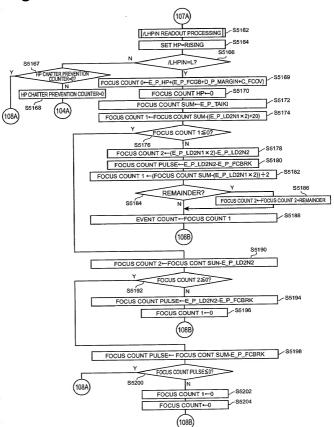


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leyein Art Arts Control

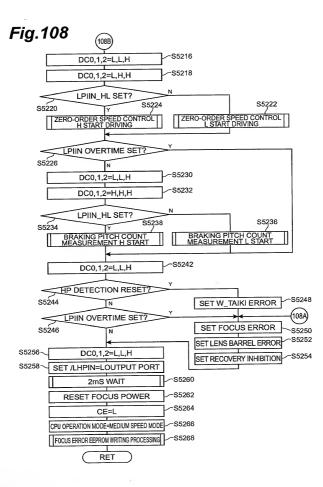


Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Levis No: 401297

Fig.107

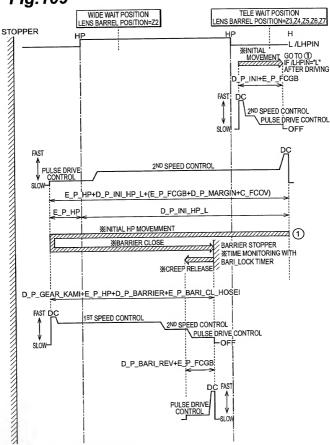


Title: LENS BARREL
Inventors: NOZAWA ET AL
Atty Docket No.: 401297
Levels Avoit & Mayor Idd.

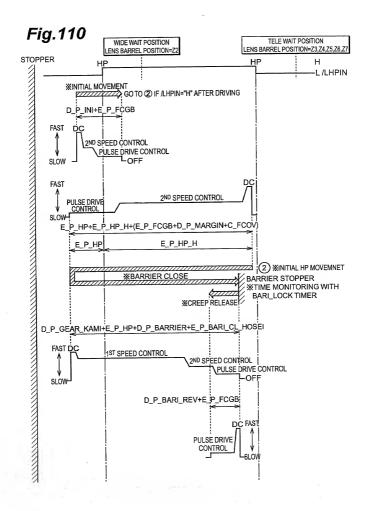


Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leptin Voin Wayan dtd. 202-737-6770

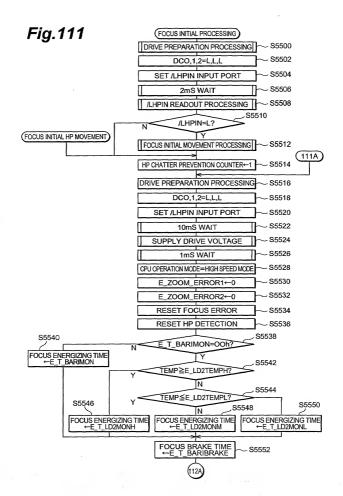




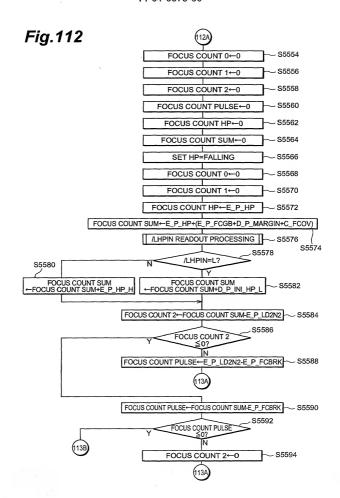
Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Levelio, Voit & Mayer, Ltd. FP01-700-73-00



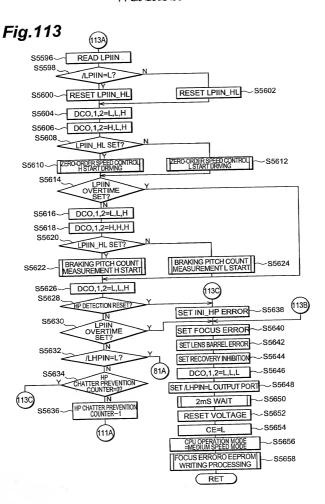
Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP202-30789-00



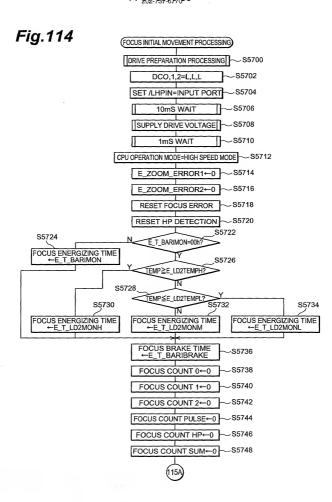
Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP02-3079400



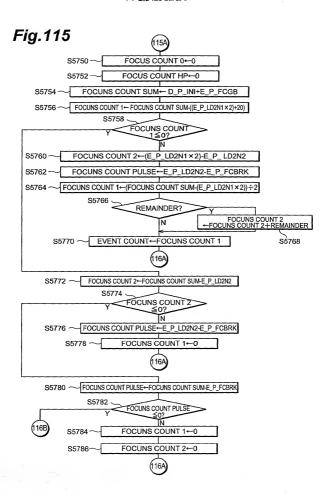
Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP202-00-79-00



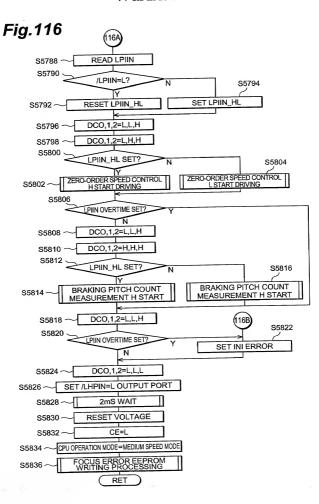
Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Leydig York Mayor 1 td.



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydio Voit & Mayer, Ltd.



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP302-003-597-00



Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Leydig Voit & Mayer, Ltd.
FPD1-00162000

Fig.117

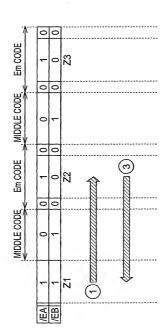
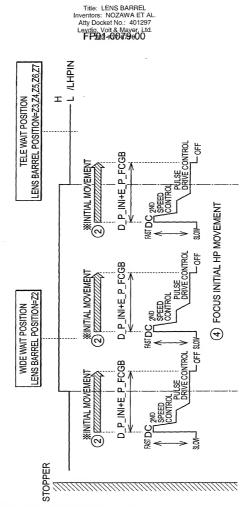


Fig.118



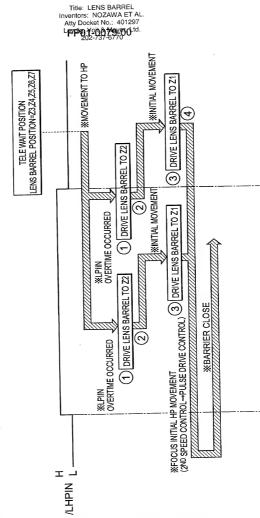
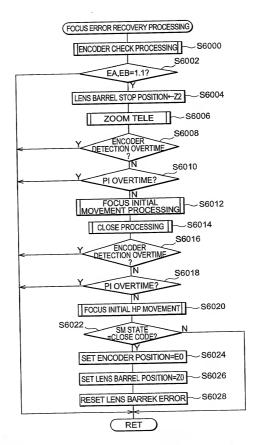


Fig.119

Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Levdia, Voit & Mayer, Ltd. FP002-000-697-0 Utd.

Fig.120



Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Levelig Voit & Mayer Ltd.
FPQ12-189-6-27-00

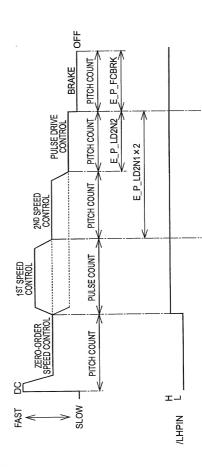


Fig.121

Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Leydig, Voit & Mayer, Ltd. FP202-30789400



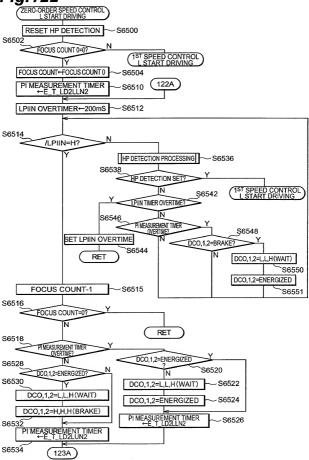
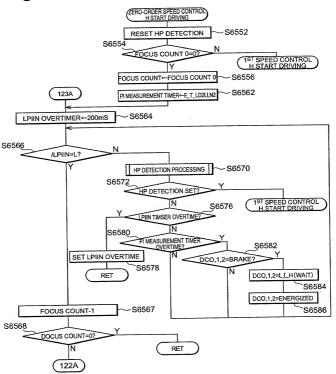


Fig.123



Title: LENS BARREL Inventors: NOZAWA ET AL. Atty Docket No.: 401297 Levelia, Voit & Mayer, Ltd.



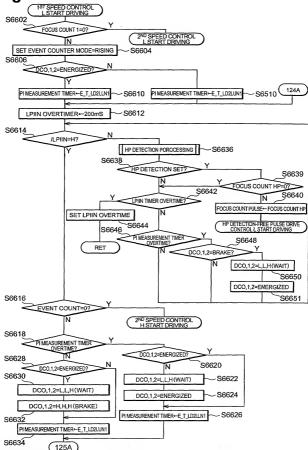
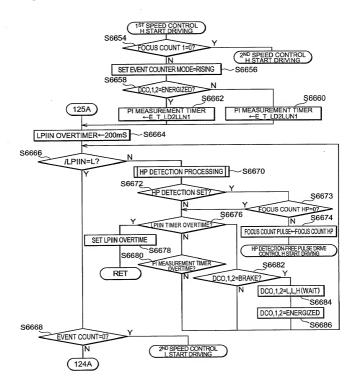


Fig.125



Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Leville Voit & Mayer Ltd.

Fig.126

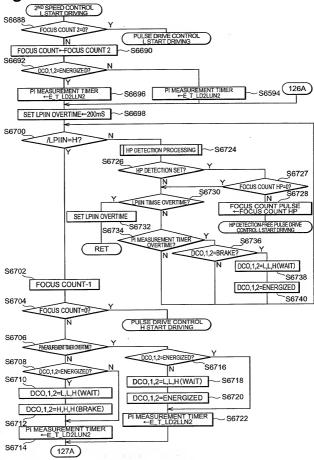
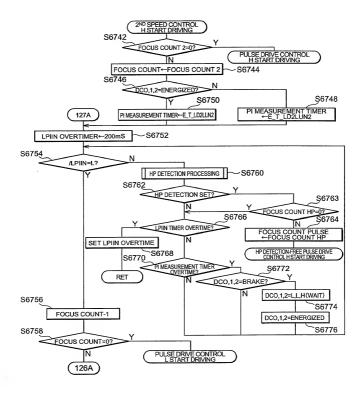
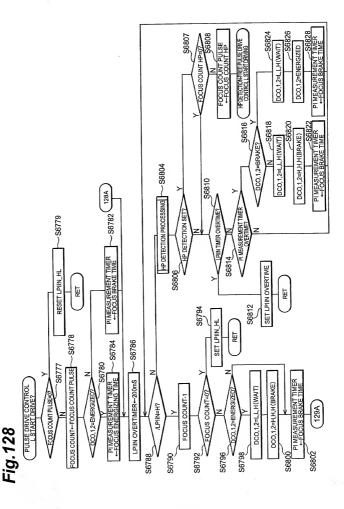


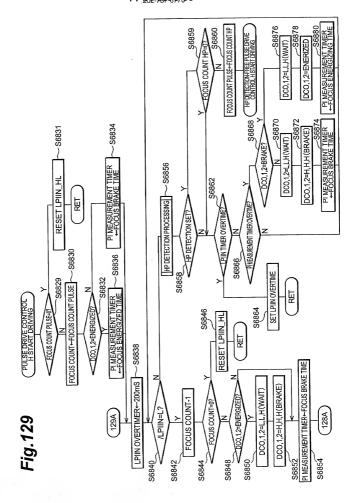
Fig.127



Title: LENS BARREL
Inventors: NOZAWA ET AL
Atty Docket No.: 401297
Leydig Voit & Mayer, Ltd.
FP012-89-69700

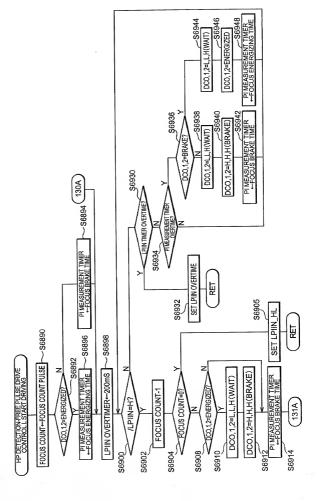


Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Leydig York Mayer Ltd.

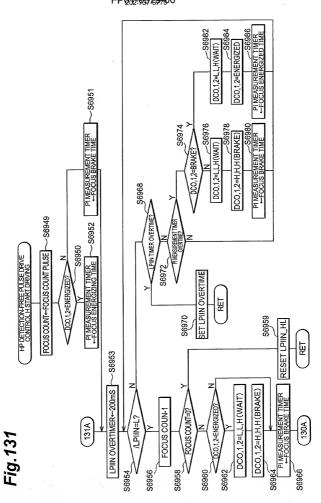


Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Levels Voir Adayaro Ltd.

Fig.130



Title: LENS BARREL Inventors: NOZAWA ET AL Atty Docket No.: 401297 Levelor, Voit & Mayer Levelor, Voit & Mayer



Title: LENS BARREL
Inventors: NOZAWA ET AL.
Atty Docket No.: 401297
Leyel Voit & Mayer, Ltd.

Fig.132

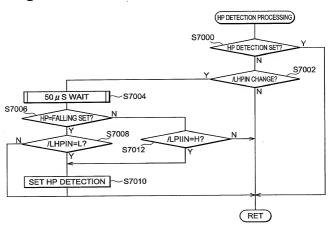


Fig.133

